

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Smith-Hill on 7/26/2010.

The application has been amended as follows:

CLAIM AMENDMENTS

1-12 (canceled)

13. (currently amended) A door closer including:

a door closer body formed with at least one channel for flow of a pressure medium controlling operation of the door closer and also formed with at least one bore that intersects the channel and has first and second segments at opposite respective sides of the channel, and

a control device fitted in the bore and having first and second opposite ends, the control device comprising a guiding part at its first end, the guiding part being located in the first segment of the bore and having a thread fillet engaging the door closer body and supporting the control device relative to the door closer body, a support part at the second end of the control device, the support part being located in the second segment of the bore, a collar of resilient material located in the second segment of the bore and surrounding the support part of the control device, the collar being under compression

Art Unit: 3677

whereby the collar supports the second end of the control device relative to the door closer body and restrains the control device against rocking and swaying movement relative to the door closer body due to flow of pressure medium in said channel, and a control part between the guiding part and the support part and having a beveled inner end for cooperating with the door closer body to restrict pressure medium flow in said channel,

whereby the control device can be moved in its axial direction by turning the control device supported on the door closer body for adjusting the restriction of the pressure medium flow by the control part,

wherein the collar has at least one chase to reduce its thickness at a certain part of the collar, and

wherein the control part, the guiding part and the support part of the control device are metal and the collar is plastic, and the control part, the guiding part and the support part are axially movable relative to the collar.

14-16 (cancelled)

17. (previously presented) A door closer according to [[claim 16]] claim 13, wherein said second segment of the bore is blind.

18. (currently amended) A door closer including:

a door closer body formed with first and second channels for flow of a pressure medium controlling operation of the door closer and also formed with a first bore that intersects the first channel and has first and second segments at opposite respective sides of the first channel, and with a second bore that intersects both the first channel

Art Unit: 3677

and the second channel and has first and second segments at opposite respective sides of the second channel,

a first control device fitted in the first bore and having first and second opposite ends, the first control device comprising a guiding part at its first end, the guiding part being located in the first segment of the first bore and having a thread fillet engaging the door closer body and supporting the first control device relative to the door closer body, a support part at the second end of the first control device, the support part being located in the second segment of the first bore, a collar of resilient material located in the second segment of the first bore and surrounding the support part of the first control device, the collar being under compression whereby the collar supports the second end of the first control device relative to the door closer body and restrains the first control device against rocking and swaying movement relative to the door closer body due to flow of pressure medium in said first channel, and a control part between the guiding part and the support part and having a beveled inner end for cooperating with the door closer body to restrict pressure medium flow in said first channel,

a second control device fitted in the second bore and having first and second opposite ends, the second control device comprising a guiding part at its first end, the guiding part being located in the first segment of the second bore and having a thread fillet engaging the door closer body and supporting the second control device relative to the door closer body, a support part at the second end of the second control device, the support part being located in the second segment of the second bore, and a control part between the guiding part and the support part and having a beveled inner end for

Art Unit: 3677

cooperating with the door closer body to restrict pressure medium flow in said second channel,

whereby the first control device can be moved in its axial direction by turning the first control device supported on the door closer body for adjusting the restriction of the pressure medium flow by the control part of the first control device and the second control device can be moved in its axial direction by turning the second control device supported on the door closer body for adjusting the restriction of the pressure medium flow by the control part of the second control device,

wherein the collar has at least one chase to reduce its thickness at a certain part of the collar, and

wherein the control part, the guiding part and the support part of the first control device are made of metal and the collar is made of plastic, and the control part, the guiding part and the support part of the first control device are axially movable relative to the collar.

19-21 (cancelled)

22. (previously presented) A door closer according to [[claim 21]] claim 18, wherein said second segment of the first bore is blind.

23. (previously presented) A door closer according to claim 18, comprising a second collar of resilient material located in the second segment of the second bore and surrounding the support part of the second control device, the second collar being under compression whereby the second collar supports the second end of the second control device relative to the door closer body and restrains the second control device against

Art Unit: 3677

rocking and swaying movement relative to the door closer body due to flow of pressure medium in said second channel.

24. (previously presented) A door closer according to claim 18, wherein the support part of the first control device is smaller in diameter than the control part of the first control device.

25 (canceled)

26. (previously presented) A door closer according to claim 13, wherein the support part of the control device is smaller in diameter than the control part of the control device.

27-29 (canceled)

30. (previously presented) A door closer according to claim 18, wherein the second control device includes a collar of resilient material located in the second segment of the second bore and surrounding the support part of the second control device, the collar being under compression whereby the collar supports the second end of the second control device relative to the door closer body and restrains the second control device against rocking and swaying movement relative to the door closer body due to flow of pressure medium in said second channel, and wherein the control part, the guiding part and the support part of the second control device are made of metal and the collar is made of plastic, and the control part, the guiding part and the support part of the second control device are movable relative to the collar axially of the second bore.

Art Unit: 3677

31. (previously presented) A door closer according to claim 18, wherein the first channel has first and second segments at opposite respective sides of the first bore, with the first segment being between the first bore and the second bore, and the door closer body is formed with third and fourth channels that open into the first and second segments respectively of the first channel, whereby the first control device controls flow of pressure medium between the third and fourth channels and the second control device does not substantially encumber flow of pressure medium between the third and fourth channels.

32. (previously presented) A door closer according to claim 31, wherein the second channel has first and second segments at opposite respective sides of the second bore, and the door closer body is formed with fifth and sixth channels that open into the first and second segments respectively of the second channel, whereby the second control device controls flow of pressure medium between the fifth and sixth channels.

2. The following is an examiner's statement of reasons for allowance: The independent claims as amended recite limitations to the collar having a chase as well as the control part, guiding part and support part of the control device made from metal, the collar made from plastic and the control part, guiding part and the support part axially movable relative to the collar. These limitations, in combination with all the other limitations of the independent claims define over the prior art of record.

Art Unit: 3677

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey O'Brien whose telephone number is (571)270-3655. The examiner can normally be reached on Monday through Thursday 7:30am-5:30pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Victor Batson can be reached on 571-272-6987. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/VICTOR BATSON/
Supervisory Patent Examiner, Art Unit 3677

/JO/
JO